Chapter 12

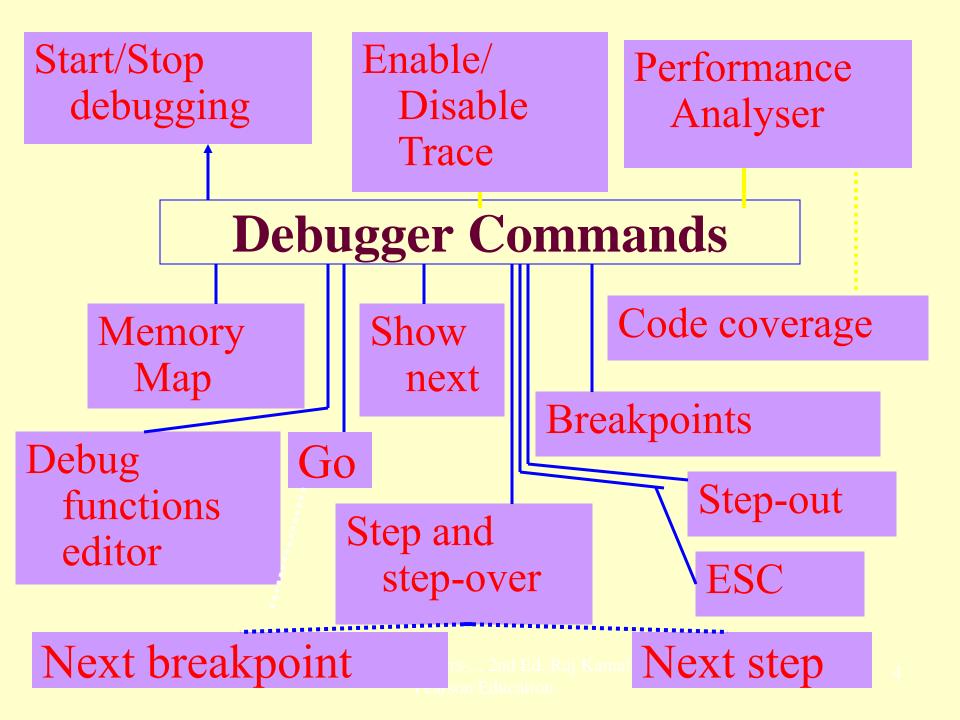
Development Tools for Microcontroller Applications

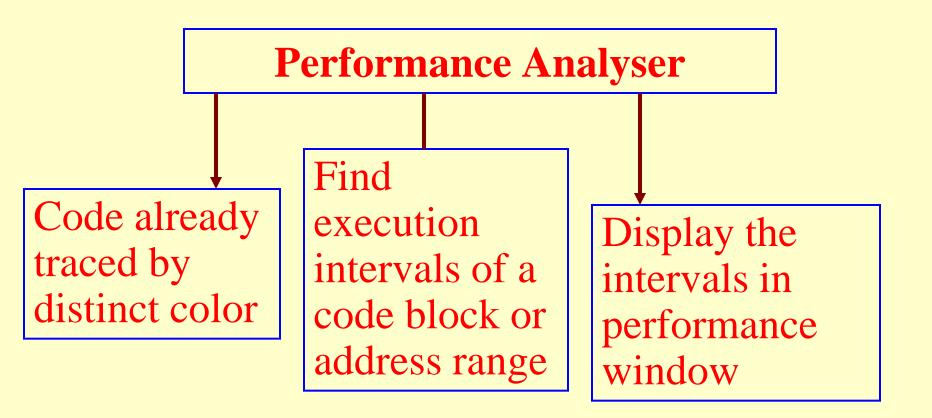
Lesson 03

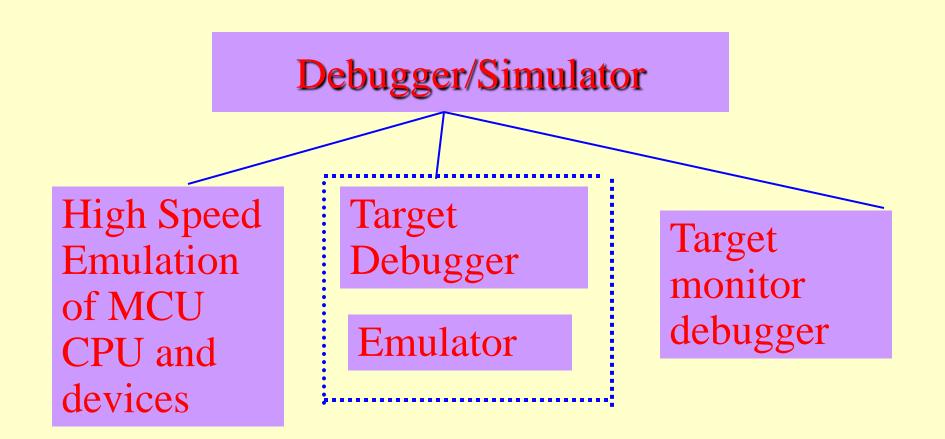
Debugger and Simulator

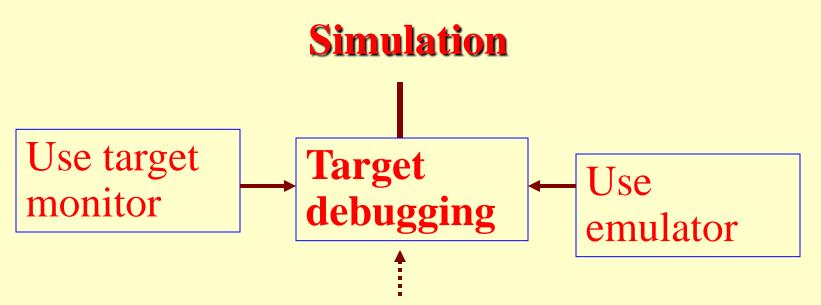
Debugger

- Traces through the codes and find the bug (error) causing code (s) in the source file(s)
- Direct examination of stack, IO ports, Registers and RAM, step by step or from one breakpoint to next









Code tested for the MCU/ system by simulating it on host computer used for code development

Summary

We learnt

Debugger and Simulator

- Tracing errors source
- Performance Analysis
- Simulating functions
- Simulating performance

End of Lesson 03 on

Debugger and Simulator